

IN THE CLAIMS

CLEAN COPY OF AMENDED CLAIMS:

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1. (Amended) A digital broadcast receiver for receiving and decoding a digital broadcast containing video data and audio data which are transmitted in the form of a transport stream, said receiver comprising:

interface means through which a transport stream and a command are transmitted to, or received from, a recording/reproducing apparatus;

judging means for determining information corresponding to a transmission rate of a received transport stream of a received digital broadcast; and

recording rate setting command generating means for generating a recording rate setting command on the basis of the information corresponding to the transmission rate and for transmitting the recording rate setting command to the recording/reproducing apparatus through said interface means.

2. (Amended) The digital broadcast receiver as claimed in claim 1, wherein said recording rate setting command generating means generates the recording rate setting command when the recording/reproducing apparatus is connected to said digital broadcast receiver through said interface means.

3. (Amended) The digital broadcast receiver as claimed in claim 1, wherein said recording rate setting command generating means generates the recording rate setting command just before the received transport stream is transmitted to the recording/reproducing apparatus.

4. (Amended) The digital broadcast receiver as claimed in claim 1, wherein said recording rate setting command generating means generates the recording rate setting command before the

recording/reproducing apparatus starts recording the received transport stream.

5. The digital broadcast receiver as claimed in claim 1, wherein said recording rate setting command generating means generates the recording rate setting command when a reception channel is switched.

6. (Amended) The digital broadcast receiver as claimed in claim 1, wherein said recording rate setting command generating means generates the recording rate setting command when a broadcast program is changed.

7. (Amended) The digital broadcast receiver as claimed in claim 1, wherein said recording rate setting command generating means periodically generates the recording rate setting command according to a predetermined period.

8. (Amended) The digital broadcast receiver as claimed in claim 1, wherein said recording rate setting command generating means generates the recording rate setting command when a request command is received from the recording/reproducing apparatus.

9. (Amended) The digital broadcast receiver as claimed in claim 1, wherein when the transmission rate of the received transport stream is changed during a recording operation in the recording/reproducing apparatus, said recording rate setting command generating means temporarily stops the recording operation and generates the recording rate setting command anew.

10. (Amended) The digital broadcast receiver as claimed in

claim 1, wherein the information corresponding to the transmission rate indicates a high definition television broadcast or a standard television broadcast.

11. (Amended) The recording apparatus as claimed in claim 13, wherein when the recording rate corresponding to the received recording rate setting command cannot be set, said recording rate setting means causes an alarm to be displayed in the recording apparatus.

12. (Amended) The digital broadcast receiver as claimed in claim 1, wherein said interface means includes an IEEE1394 interface.

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13. (Amended) A recording apparatus, comprising:  
interface means for transmitting a transport stream and a command to, and for receiving a transport stream and a command from, a digital broadcast receiver;

recording means for recording a transport stream received from the digital broadcast receiver through said interface means; and

recording rate setting means for setting a recording rate of said recording means in accordance with a recording rate setting command received from the digital broadcast receiver through said interface means.

14. (Amended) The recording apparatus as claimed in claim 13, further comprising means for generating to the digital broadcast receiver a request command for setting the recording rate.

15. (Amended) The recording apparatus as claimed in claim 13, wherein said interface means includes an IEEE1394

16. (Amended) A data recording method for use in a digital broadcast receiver, comprising:

receiving and decoding a digital broadcast in which video data and audio data are transmitted in the form of a transport stream to provide a received transport stream;

connecting a recording/reproducing apparatus through an interface for recording the received transport stream;

determining information corresponding to a transmission rate of the received transport stream; and

generating a recording rate setting command to the recording/reproducing apparatus on the basis of the information corresponding to the transmission rate.

17. (Amended) The data recording method as claimed in claim 16, wherein said generating step generates the recording rate setting command when the recording/reproducing apparatus is connected through the interface.

18. (Amended) The data recording method as claimed in claim 16, wherein said generating step generates the recording rate setting command just before the received transport stream is transmitted to the recording/reproducing apparatus.

19. (Amended) The data recording method as claimed in claim 16, wherein said generating step generates the recording rate setting command before the recording/reproducing apparatus starts recording the received transport stream.

20. (Amended) The data recording method as claimed in claim 16, wherein said generating step generates the recording rate setting command when a reception channel is switched.

21. (Amended) The data recording method as claimed in claim 16, wherein said generating step generates the recording rate setting command when a broadcast program is changed.

22. (Amended) The data recording method as claimed in claim 16, wherein said generating step periodically generates the recording rate setting command according to a predetermined period.

23. (Amended) The data recording method as claimed in claim 16, further comprising:

receiving a recording rate setting request from the recording/reproducing apparatus,

wherein said generating step generates the recording rate setting command upon receipt of the recording rate setting request from the recording/reproducing apparatus.

24. (Amended) The data recording method as claimed in claim 16, further comprising:

temporarily stopping a recording operation when the transmission rate of the received transport stream changes,

wherein the generating step generates the rate setting command anew after the recording operation has been temporarily stopped.

25. (Amended) The data recording method as claimed in claim 16, wherein the information corresponding to the transmission rate indicates a high-definition television broadcast or a standard television broadcast.

26. (Amended) The data recording method as claimed in claim 16, further comprising:

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receiving a response from the recording/reproducing apparatus when a recording rate corresponding to a generated recording rate setting command cannot be set in the recording/reproducing apparatus.

27. (Amended) The data recording method as claimed in claim 16, wherein the interface includes an IEEE1394 interface.

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Insert new claims 28-42 as follows:

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28. (New) A digital broadcast receiver, comprising:

a receiver for receiving a digital broadcast signal and for providing a transport stream representing video data and audio data;

a processor for generating a command that sets a recording rate as a function of a transmission rate of the transport stream; and

an interface for transmitting the command and the transport stream to a recording apparatus, whereby the recording apparatus records the transport stream in accordance with the set recording rate.

29. (New) The digital broadcast receiver as claimed in claim 28, wherein said processor generates the command when said interface detects that the recording apparatus is connected thereto.

30. (New) The digital broadcast receiver as claimed in claim 28, wherein said processor generates the command just before the transport stream is transmitted to the recording apparatus.

31. (New) The digital broadcast receiver as claimed in claim 28, wherein said processor generates the command before the recording apparatus starts recording the transport stream.

32. (New) The digital broadcast receiver as claimed in claim 28, wherein said processor generates the command when a reception channel is switched.

33. (New) The digital broadcast receiver as claimed in claim 28, wherein said processor generates the command when a

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broadcast program is changed.

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34. (New) The digital broadcast receiver as claimed in claim 28, wherein said processor periodically generates the command according to a predetermined period.

35. (New) The digital broadcast receiver as claimed in claim 28, wherein said processor generates the command when a request command is received from the recording apparatus.

36. (New) The digital broadcast receiver as claimed in claim 28, wherein when the transmission rate of the transport stream is changed during a recording operation in the recording apparatus, said processor temporarily stops the recording operation and generates the command anew.

37. (New) The digital broadcast receiver as claimed in claim 28, wherein said processor determines the transmission rate as a function of whether the transport stream is a high definition television broadcast or a standard television broadcast.

38. (New) The digital broadcast receiver as claimed in claim 28, wherein said interface is an IEEE1394 interface.

39. (New) A recording apparatus, comprising:

an interface for coupling to a digital broadcast receiver for receiving a transport stream and commands therefrom and for transmitting requests thereto;

a recorder for recording the received transport stream;  
and

a processor for setting a recording rate of said recorder in accordance with a recording rate setting command received



from the digital broadcast receiver.

40. (New) The recording apparatus as claimed in claim 39, wherein when the recording rate corresponding to the received recording rate setting command cannot be set, said processor causes an alarm to be displayed in said recording apparatus.

41. (New) The recording apparatus as claimed in claim 39, wherein said processor generates a request for setting the recording rate for transmission to the digital broadcast receiver through said interface.

42. (New) The recording apparatus as claimed in claim 39, wherein said interface is an IEEE1394 interface.

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